

## Arctic Series Mono



Model			MDVC-V18WD2BR8-A	MDVC-V22WD2BR8-A	MDVC-V26WD2BR8-A	MDVC-V30WD2BR8-A
Power supply		V/Ph/Hz	380-415/3/50			
Heating <sup>1</sup>	Capacity	kW	18.00	22.00	26.00	30.10
	Rated input	kW	3.83	5.00	6.37	7.70
	COP			4.70	4.40	4.08
Heating <sup>2</sup>	Capacity	kW	18.00	22.00	26.00	30.00
	Rated input	kW	5.14	6.47	8.39	10.35
	COP			3.50	3.40	3.10
Heating <sup>3</sup>	Capacity	kW	18.00	22.00	26.00	30.00
	Rated input	kW	6.55	8.30	10.61	13.04
	COP			2.75	2.65	2.45
Cooling <sup>4</sup>	Capacity	kW	18.50	23.00	27.00	31.00
	Rated input	kW	3.90	5.00	6.28	7.75
	EER			4.75	4.60	4.30
Cooling <sup>5</sup>	Capacity	kW	17.00	21.00	26.00	29.50
	Rated input	kW	5.57	7.12	9.63	11.57
	EER			3.05	2.95	2.70
Seasonal space heating energy efficiency class <sup>6</sup>	Water outlet at 35°C	class	A+++	A+++	A+++	A++
	Water outlet at 55°C	class	A++	A++	A+	A+
Refrigerant	Type(GWP)		R32(675)			
	Charged volume		5.0			
Sound power level <sup>7</sup>		dB	71	73	75	77
Net dimension (WxHxD)		mm	1129x1558x440			
Packing dimension (WxHxD)		mm	1220x1735x565			
Net/Gross weight			177/206			
Water pump	Max. pump head	m	12.0	12.0	12.0	12.0
Water piping connection		inch	1-1/4" BSP	1-1/4" BSP	1-1/4" BSP	1-1/4" BSP
Ambient temperature range	Cooling	°C	-5-46			
	Heating	°C	-25-35			
	DHW	°C	-25-43			
LWT setting range	Cooling	°C	5-25			
	Heating	°C	25-60			
	DHW	°C	30-60			

### Notes:

1. Evaporator air in 7°C, 85% R.H., Condenser water in/out 30/35°C.
2. Evaporator air in 7°C, 85% R.H., Condenser water in/out 40/45°C.
3. Evaporator air in 7°C, 85% R.H., Condenser water in/out 47/55°C.
4. Condenser air in 35°C. Evaporator water in/out 23/18°C.
5. Condenser air in 35°C. Evaporator water in/out 12/7°C.
6. Seasonal space heating energy efficiency class testes in average climate general.
7. Testing standard: EN12102-1.
8. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02:2014.